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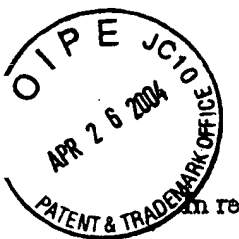
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 2635

Patent Application of

Lance A. Ehrke, et al.

Application No. 09/242,792

Confirmation No. 1516

Filed: February 23, 1999

Examiner: Albert Kang Wong

"ELECTRONIC ELECTRIC METER  
FOR NETWORKED METER READING"

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Silver Spring Networks, Inc. ("Assignee"), a Delaware corporation, being the owner of  
all right, title and interest in the above-identified patent application by virtue of:

Assignment from Lance A. Ehrke, Kimbel A. Nap and Donn R. Dresselhuys  
to Innovatec Communications, LLC, Reel 10457 and Frames 621-624,  
recorded on December 23, 1999;

Assignment from Innovatec Communications, LLC to St Andrews Acquisitions,  
LLC, Reel 13211 and Frame 881, recorded on August 20, 2002; and

Assignment from St Andrews Acquisitions, LLC to Silver Spring Networks, Inc.,  
signed August 13, 2002, copy attached.

hereby revokes all powers of attorney previously granted in connection with said patent  
application and hereby appoints the registered practitioners associated with the customer number  
identified below to prosecute this application and to transact all business in the Patent and  
Trademark Office connected therewith.

Customer Number



The undersigned hereby states that the evidentiary documents have been reviewed, and certifies that, to the best of Assignee's knowledge and belief, title is in Assignee and that the undersigned is an officer of Assignee and has authority to execute this document on behalf of Assignee.

Please send all further correspondence to:

Thomas A. Miller  
Michael Best & Friedrich LLP  
100 East Wisconsin Avenue  
Milwaukee, Wisconsin 53202-4108  
Telephone: (414) 271-6560

Silver Spring Networks, Inc.

Dated: December 17, 2002

  
Thomas F. Schrader  
Chief Operating Officer

File No.: 086485-9002-00

## ASSIGNMENT

WHEREAS, St Andrews Acquisitions, LLC, a Wisconsin limited liability company (the "Assignor") owns the rights to certain patents and trademarks;

WHEREAS, Silver Spring Networks, Inc., a Delaware corporation (the "Assignee") owns all of the issued and outstanding membership interests of Assignor and is the corporate parent of Assignor; and

WHEREAS, Assignor desires to assign its patents and trademarks to Assignee;

NOW THEREFORE, for good and valuable consideration, the adequacy of which is hereby acknowledged, Assignor does hereby assign unto Assignee and Assignee's legal representatives, successors, and assigns, the entire right, title, and interest in and to the inventions, applications and the letters patent, both of the United States and of other countries, set forth on the attached Schedule A and the trademark registrations, trademark applications, common law trademarks and goodwill associated therewith, both of the United States and of other countries, set forth on the attached Schedule B.

UPON SAID CONSIDERATION, Assignor does hereby covenant with Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with this Assignment, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this Assignment, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

\* \* \* \* \*

IN WITNESS WHEREOF, the undersigned have executed this Assignment to be effective as of August 13, 2002.

**ASSIGNOR:**

**ASSIGNEE:**

ST ANDREWS ACQUISITIONS, LLC

SILVER SPRING NETWORKS, INC.

By: 

Jack Thompson, Manager

By: \_\_\_\_\_

Keith Burge, President

IN WITNESS WHEREOF, the undersigned have executed this Assignment to be effective as of August 13, 2002.

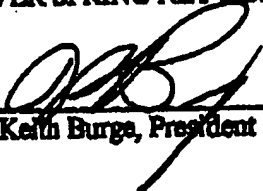
ASSIGNOR:

ASSIGNEE:

ST ANDREWS ACQUISITIONS, LLC

SILVER SPRING NETWORKS, INC.

By: \_\_\_\_\_  
Jack Thompson, Manager

By:  \_\_\_\_\_  
Keith Burge, President

**Schedule A**

**List of Patents**

**Title:** Improved Meter for Measuring Volumetric Consumption of a Commodity

**Country:** USA

**Inventors:** Donn Dresselhuys, Kimbel Nap and Lance Ehrke

**Patent Number:** 5,659,300

**Issue Date:** 8/19/97

**Summary:** This patent covers the inductive coupling between a meter located in a pit and an antenna mounted to a pit lid.

**Title:** Automatic Meter Reading Data Communication System

**Inventors:** Donn Dresselhuys, Kimbel Nap and Lance Ehrke

**Country:** USA

**Patent Number:** 6,246,677

**Issue Date:** June 12, 2001

**Country:** Mexico

**Serial Number:** 991134

**Filing Date:** 3/4/99

**Country:** Canada

**Serial Number:** 2264798

**Filing Date:** 3/3/99

**Country:** Europe

**Serial Number:** 97940306.9

**Filing Date:** 3/31/99

**Country:** Japan

**Serial Number:** 912892/1998

**Filing Date:** 3/30/99

**Summary:** This patent covers the interface management unit (IMU) and the way the IMU attaches to a meter and transmits information to a gateway unit.

**Title:** Electronic Electric Meter for Networked Meter Reading

**Inventors:** Donn Dresselhuys, Kimbel Nap and Lance Ehrke

**Country:** USA

**Serial Number:** 09/342,742

**Filing Date:** 2/23/99



Country: Mexico  
Serial Number: 992132  
Filing Date: 3/4/99

Country: Canada  
Serial Number: 2264913  
Filing Date: 3/3/97

Country: Europe  
Serial Number: 97940881.2  
Filing Date: 3/31/99

Country: Japan  
Serial Number: 512968/1958  
Filing Date: 3/30/99

Summary: This patent covers the electronic electric meter and the communication methods to the gateway node and between the electric meter and possible gas and water meters.

Title: Flush Mounted PIR LED Antenna

Inventors: Kimbel Nap and Eric Drosselhuys

Country: USA  
Serial Number: 09/791,372  
Filing Date: 2/23/01

Summary: This patent will cover a pir led antenna that is flush with the top of a pir led while still allowing for an acceptable broadcast range.

Patent No.	Issue Date
6,369,769	04/09/2002
6,246,677	06/12/2001
5,659,300	08/19/1997

**Schedule B**

**List of Trademarks**

Trademark Number	Issue/Filing Date
<b>AXISPORTAL</b> 2,560,380	04/09/2002
<b>AXISPATH</b> 2,557,288	04/02/2002
<b>AXISGATE</b> 76/118,561	08/29/2000
<b>POWERPOINT</b> 76/118,558	08/29/2000
<b>INTERFACE MANAGEMENT UNIT</b> 76/118,559	08/29/2000
<b>INNOVATEC</b> 2,281,957	09/28/1999